

## Claims

1. Use of celery seed or celery seed extract (CSE) for the inhibition of growth and replication of *Helicobacter pylori*.  
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2. Celery seed or celery seed extract for the preparation of a pharmaceutical composition to treat *Helicobacter pylori* infection.
3. Use according to claim 1 or claim 2 wherein the celery seed extract is an ethanol/water extract.  
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4. Use according to any preceding claim wherein the active component of the celery seed extract is selected from 3-n-butyl 4,5-dihydrophthalide, 3-n-butyl phthalide,  $\alpha$ -Eudesmol,  $\beta$ -Eudesmol dioctyl phthalate and cis, cis-9,12-Octadecadienoic acid.  
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5. A method of treating *Helicobacter pylori* infection comprising administering a pharmaceutically effective amount of celery seed or a celery seed extract  
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